



ELSEVIER

Colloids and Surfaces

A: Physicochemical and Engineering Aspects 119 (1996) 261

COLLOIDS
AND
SURFACES

A

Author Index

- Abe, M., 149
Ali, A.A.M., 39
Arai, T., 81

Becerro, A.I., 189
Ben-Taleb, A., 73
Biggs, S., 205
Buchhammer, H.-M., 87
Burger, K., 195

Camardo, M., 183
Cantale, F., 163
Castro, M.A., 189
Chauhan, M., 67
Christian, S.D., 149
Clausse, M., 155
Costa, S.M.B., 141

D'Angelo, M., 183
Dalton, J., 123
Davidenko, N.K., 23
Dékány, I., 7, 195
Delgado, A.V., 73
Devinsky, F., 115
Dzombak, D.A., 133

Eastoe, J., 123
Erra, P., 155
Esumi, K., 81

Farkas, A., 7
Fukui, H., 15, 105

Gabrielli, G., 95, 163
Garbacz, J.K., 215
Gauden, P.A., 175
Goddard, E.D., 221
Grant, S.B., 229
Grieser, F., 205
Guarini, G.G.T., 163

Healy, T.W., 205
Heenan, R.K., 123
Hoffmann, H.H., 1
Homonnay, Z., 195

Kiraly, Z., 7
Klumpp, E., 7
Konno, H., 241

Lafuma, F., 255
Llorens, J., 57
Lunkwitz, K., 87
Łyjak, G., 215

Magdassi, S., 51
Mannaioli, S., 183
Mans, C., 57
Medeiros, G.M.M., 141
Mehrotra, K.N., 67

Narres, H.D., 7
Neel, O., 255

Onori, G., 183

Peikov, V., 1
Petzold, G., 87
Pisárčik, M., 115
Pons, R., 155
Ponton, A., 255
Prica, M., 205
Puggelli, M., 95

Quemada, D., 255
Quirantes, A., 73

Radeva, T., 1
Regismond, S.T.A., 221
Rodel, B.-Z., 51

Roy, S.B., 133
Rudé, E., 57
Rychlicka-Rybska, J., 29
Rychlicki, G., 175, 215

Saito, Y., 149
Santucci, A., 183
Sasaki, K., 241
Sato, T., 149
Sato, Y., 105
Savelli, M.P., 155
Scamehorn, J.F., 149
Shimano, F., 105
Shukla, R.K., 67
Solans, C., 155
Stebbing, S., 123
Stoylov, S.P., 1
Suhara, T., 15, 105
Suzuki, F., 15
Švajdenka, E., 115

Takasugi, K., 81
Tanaka, S., 241
Terzyk, A.P., 175, 215
Thomas, R.K., 189
Tsunekawa, M., 241
Turi, L., 195

Vértes, A., 195
Vila, N., 95
Vlasova, N.N., 23

Walker, H.W., 229
Winnik, F.M., 221
Wojsz, R., 175

Yamaguchi, M., 15, 105
yjak, G., 215

Zaki, M.I., 39



ELSEVIER

Colloids and Surfaces

A: Physicochemical and Engineering Aspects 119 (1996) 263–264

COLLOIDS
AND
SURFACES

A

Subject Index

- Adsorption, 23, 51, 163, 215, 241
Adsorption isotherm, 15, 175, 215
Aggregation number, 81, 115
Air–aqueous solution interface, 29
Aliphatic alcohol/aliphatic acid mixed adsorbed mo, 29
Amphiphilic mixtures, 163
Anionic surfactant, 15
AOT, 183
Atomic force microscope, 205
- Bacterial growth inhibition, 241
Bactericidal activity, 105
Bactericidal spectra, 105
Beattie–Bridgeman equation of state, 215
Binding constant, 149
- Cellulose and clay, 87
Cellulosic polymers, 221
Ceramics, 205
Colloidal cobalt, 123
Colloidal ellipsoids, 73
Colloidal particles, 229
Colloidal silica behavior, 255
Complexation, 149
Conductivity, 67
Copper, 23
Cosurfactant chain length, 155
Counterion, 183
Critical micelle concentration, 67, 81
Cyclodextrin, 149
- Depolarized light, 73
Dipyridyl, 23
DLVO theory, 105
Dodecyltrimethylammonium bromide, 115
Dual system, 87
Dynamic light scattering, 73, 115
- EHEC, 141
Electric light scattering, 1
Enthalpy of displacement, 7
- FeS nanoparticles, 195
Flocculation, 51, 87, 229
Fractal dimension, 175
Fulvic acid, 241
- Gibbs free energy of adsorption, 29
Glass bead porous media, 133
- Heat of adsorption, 215
Hexanediol, 149
Hydrophobic solid, 163
- Immobilized antimicrobial agent, 105
Interaction, 51
Interaction potential, 255
Interlamellar adsorption, 7
Ion exchange, 133
IR, 183
- Keratin cystine reactivity, 155
- Laser Raman spectroscopy, 39
Latex colloids, 133
LB mono and multilayers, 95
- Maximum entropy, 57
Membrane model, 95
Micelles, 115, 141
Microbially mediated dissolution of pyrite, 241
Microcalorimetry, 7
Microemulsion media, 155
Microemulsions, 183
Microporous carbon, 175
Model anionic polyelectrolyte, 229
Montmorillonite, 51
Mössbauer spectroscopy, 195
- Nanophase reactor, 195
Nonionic saccharide, 81

Organoclay, 7

Phosphated zirconia, 39

Polydiallyldimethylammonium chloride, 51

Polyelectrolyte, 221

Polymer JR400, 221

Polytetrafluoroethylene suspensions, 1

Premicellar aggregates, 141

Pyridine adsorption, 39

Pyrite, 241

Quaternary ammonium group, 15, 105

Reduction of Fe(III), 241

Relaxation rate, 81

Relaxation spectra, 57

Reversed micelles, 123

Rheological behavior, 255

Samarium soaps, 67

SAXS experiments, 195

SDS, 141

Silica, 23

Sodium dodecylsulphate, 51

Sol-gel, 57

Solubilization, 189

Static light scattering, 115

Sulfated zirconia, 39

Surface miscibility, 95

Surface tension, 29, 149

Surface viscoelasticity, 221

Surfactant, 163, 189, 221

Temperature, 205

Ternary surface complex, 23

Thiobacillus ferrooxidans, 241

Thiobacillus thiooxidans, 241

Titanium alkoxides, 57

Toluene, 189

Vermiculite, 7, 189

Water, 183

Weak electrolyte, 67

X-ray diffraction, 7

Zeta potential, 15, 205

Zirconia, 39, 205

